



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Group Art Unit 1645

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In re

Patent Application of

Jennifer K. Grenier, et al.

Serial No. 09/977,615

Filed: October 15, 2001

Examiner: Unknown

"SOLID SUPPORT ASSAY SYSTEMS AND  
METHODS UTILIZING NON-STANDARD  
BASES"

I, Leslie Lindsay, hereby certify that this correspondence is  
being deposited with the US Postal Service as first class mail  
in an envelope addressed to Commissioner for Patents,  
Washington, D.C. 20231, on the date of my signature.

Signature

February 4, 2002  
Date of Signature

E. Lindsay  
2-26-02

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PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

02/26/2002 5MINASSI 00000013 09977615

Sir:

01 FC:203 9.00 0P  
02 FC:202 42.00 0P

In the matter of the above-identified application, and prior to examination on the  
merits, Applicants respectfully request entry of the following amendment.

In the claims:

Please add the following new claim:

26. A method of assaying a target oligonucleotide comprising steps of:

(a) contacting an analyte comprising the analyte-specific sequence with a first primer  
and a second primer, the second primer comprising, in 5' to 3' order, a non-complementary  
sequence, a non-standard base, and an analyte-specific sequence;

(b) enzymatically extending the primers to form a target oligonucleotide and a second  
oligonucleotide, wherein one of the target oligonucleotide and the second oligonucleotide  
comprises the analyte-specific sequence and the other comprises a sequence complementary  
to the analyte-specific sequence;

(c) hybridizing to the extension product of the second primer of step (b) a tagged,  
allele-specific primer comprising, in 5' to 3' order, a 5' tagging sequence comprising a non-



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METHODS UTILIZING NON-STANDARD  
BASES"

Sir:

Transmitted herewith is a Preliminary Amendment in the above-identified application. Applicant claims small entity status. The fee has been calculated as shown below.

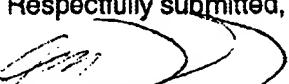
CLAIMS AS AMENDED							
	(1)	(2) CLAIMS REMAINING AFTER AMENDMENT	(3)	(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE
TOTAL CLAIMS	26	MINUS	25	1	X \$9	9.00	
INDEP. CLAIMS	6	MINUS	5	1	X \$42	42.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT ----.					51.00		

A check in the amount of \$51.00 is attached.

In the event Applicants have overlooked the need to request an extension of time, please consider this a request for same.

Charge or credit Deposit Account No. 50-0842 with any shortage or overpayment of the fees associated with this communication. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
Jill A. Fahrlander  
Reg. No. 42,518

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02/04/02